

ABSTRACT

1 A Hall effect sensor assembly including a Hall effect
2 sensor; an overmolded housing which is overmolded onto
3 the Hall effect sensor; and a magnet movably connected to
4 the Hall effect sensor by a movable connection with the
5 overmolded housing. The movable connection restrains
6 movement of the magnet to a path along and aligned with a
7 Hall effect central sensing axis. The magnet is
8 substantially prevented from tilting relative to the
9 sensing axis.